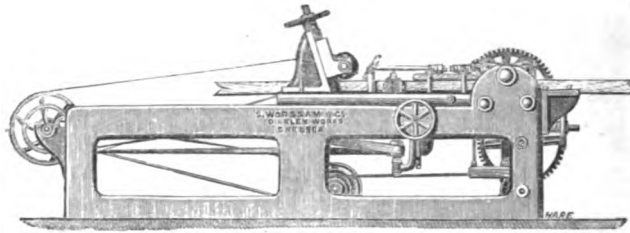


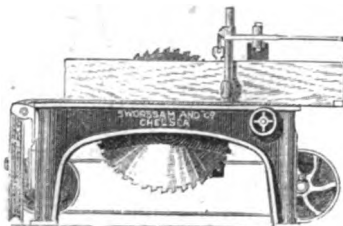
SOLE MANUFACTURERS OF THE PATENT GENERAL JOINER.

PRIZE MEDAL, LONDON, 1862. PRIZE MEDAL, VIENNA, 1873. SILVER MEDAL, PARIS, 1867.

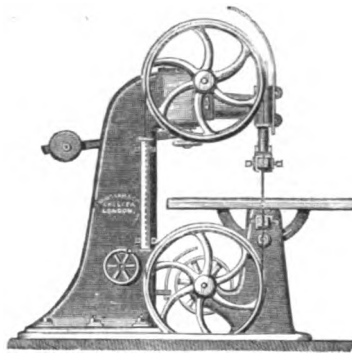
This Machine will
Plane, Groove, Tongue
Edge, Thickness, and
Bead Match-Boarding
or Flooring, Cut Single



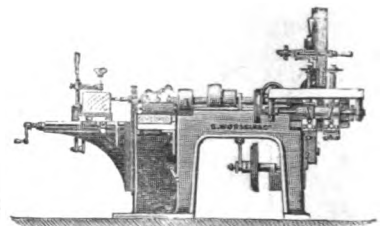
or Double Mouldings,
in hard or soft wood,
at rates varying from
12 feet to 30 feet per
minute.

IMPROVED MOULDING AND PLANING MACHINE.**IMPROVED SELF-ACTING SAW BENCH.**

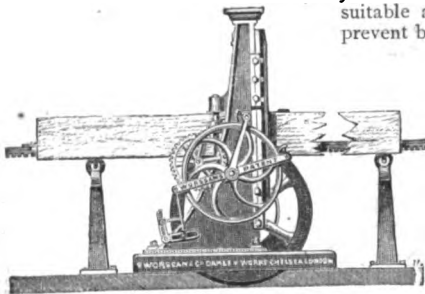
This Bench is adapted for Cutting Logs, Planks, Deals, Battens, &c., and is provided with an improved Self-acting Rope-feed Motion for advancing the Timber to the Saw. The feed may be varied from 15 feet to 60 feet per minute. When cutting long stuff, carriages running on rails are used to support the overhanging ends.

**BAND-SAW MACHINE.**

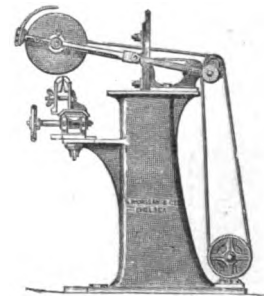
This Machine is particularly applicable to the general purposes of Builders and Contractors, Railway Carriage Builders, Wheelwrights and Coopers, &c., &c. The table is adjustable to various angles, and a suitable arrangement is provided to prevent breakage of Saws.

**THE PATENT GENERAL JOINER.**

This Machine has been specially invented to meet the requirements of Joiners, Builders, Contractors, Cabinet Makers, and Pianoforte Manufacturers. Tenons are completed at one operation. Mouldings are worked by Self-acting Feed. It will plane stuff up to 9 in. by 3 in. Mortises are chased and the ends squared out. Irregular Work and Curved Mouldings can be formed almost to any pattern. All the operations may be carried on separately or simultaneously, without altering any part of the Machine.

**PORTABLE DOUBLE DEAL FRAME.**

This Machine is adapted to the purposes of Builders and Contractors. It is self contained, and costly foundations are not required. It will saw two Deals at a time. It is provided with a Back-feed Motion, actuated by Worssam's Patent Silent Feed.

**PERIN'S FRENCH BAND SAWS.****IMPROVED SAW SHARPENER.**

The object of this Machine is to lessen the cost of Saw Sharpening. The File is almost dispensed with. It will sharpen either Circular or Frame Saws.

For particulars of every description of Wood-Working Machinery apply to SAMUEL WORSSAM & Co., Contractors to the British, Indian, French, Russian, Turkish, Spanish, and Swedish Governments; also to the Government of the Dutch East Indian Colonies; and the principal Railway Companies of Great Britain, &c., &c.

New Illustrated Catalogues of Patent Machinery for Builders and Joiners sent on application.

SAMUEL WORSSAM AND CO.,
OAKLEY WORKS, KING'S ROAD, CHELSEA, LONDON, S.W.